

Cove Improvement District

Engineering Presentation

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P S O M A S

Project Design Goals

- ◆ ***Primary goal - Sewer and street improvements in support of AB358***
- ◆ ***Maintain neighborhood ambiance***
- ◆ ***Minimize impacts to private property***
- ◆ ***Provide for better quality of life***



Background

- ◆ ***Began engineering work October 2004***
- ◆ ***Field surveying***
- ◆ ***Data gathering***
- ◆ ***Preliminary engineering***
- ◆ ***Steering committee formed January 2005***
- ◆ ***Public Outreach (Steering committee, neighborhood meetings, mailers, open house etc.)***



TOUR OF EXISTING CONDITIONS



**CATHEDRAL CANYON
DRIVE**



BANKSIDE



KINGS ROAD



TOUR OF EXISTING CONDITIONS



CHUPEROSA



VISTA DRIVE



BEL AIR



TOUR OF EXISTING CONDITIONS



ELNA WAY



FOOTHILL ROAD



PARADISE WAY



TOUR OF EXISTING CONDITIONS



VAN FLEET



B STREET



D STREET



Design Issues

- ◆ ***Location of sewer lateral***
- ◆ ***Minimizing the need for pumping of sewer on private property (Through engineering foresight able to reduce pumped lots to 3 in entire Cove area)***
- ◆ ***Curb type***
- ◆ ***Street widths***
- ◆ ***Traffic circulation/calming***
- ◆ ***Drainage***



Curb Type

◆ Goals

- Maintain neighborhood feel
- Improve Drainage

◆ Results – Wedge Curb



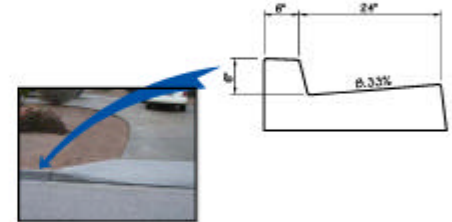
CURB & GUTTER

PURPOSE:

- * ROADWAY EDGE DELINEATION
- * DETER CARS FROM LEAVING THE PAVEMENT
- * CONTROL DRAINAGE
- * SEPARATE THE ROADWAY FROM THE PEDESTRIAN WALKWAY
- * AESTHETIC APPEARANCE
- * REDUCE MAINTENANCE
- * TWO TYPES: BARRIER AND MOUNTABLE

STANDARD BARRIER CURB

- * HEIGHT: 6-8 INCHES
- * STEEP FACE
- * INHIBITS CARS FROM LEAVING THE ROADWAY
- * DEPRESSION REQUIRED AT DRIVEWAY LOCATIONS



MOUNTABLE (ROLLED OR BATTERED)

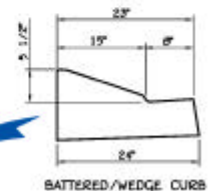
- * ROLLED IS A LOW PROFILE CURB, 3-4 INCHES
- * BATTERED, 4-6 INCHES
- * VEHICLES CAN CROSS WITH VARYING DEGREES OF EASE
- * NO MODIFICATION AT DRIVEWAY LOCATIONS REQUIRED



ROLLED



BATTERED



BATTERED/WEDGE CURB

Street Widths

- ◆ ***Width is based upon existing right of way and speed of traffic***
- ◆ ***Improved traffic safety***
- ◆ ***Parkway provides buffer to existing properties***

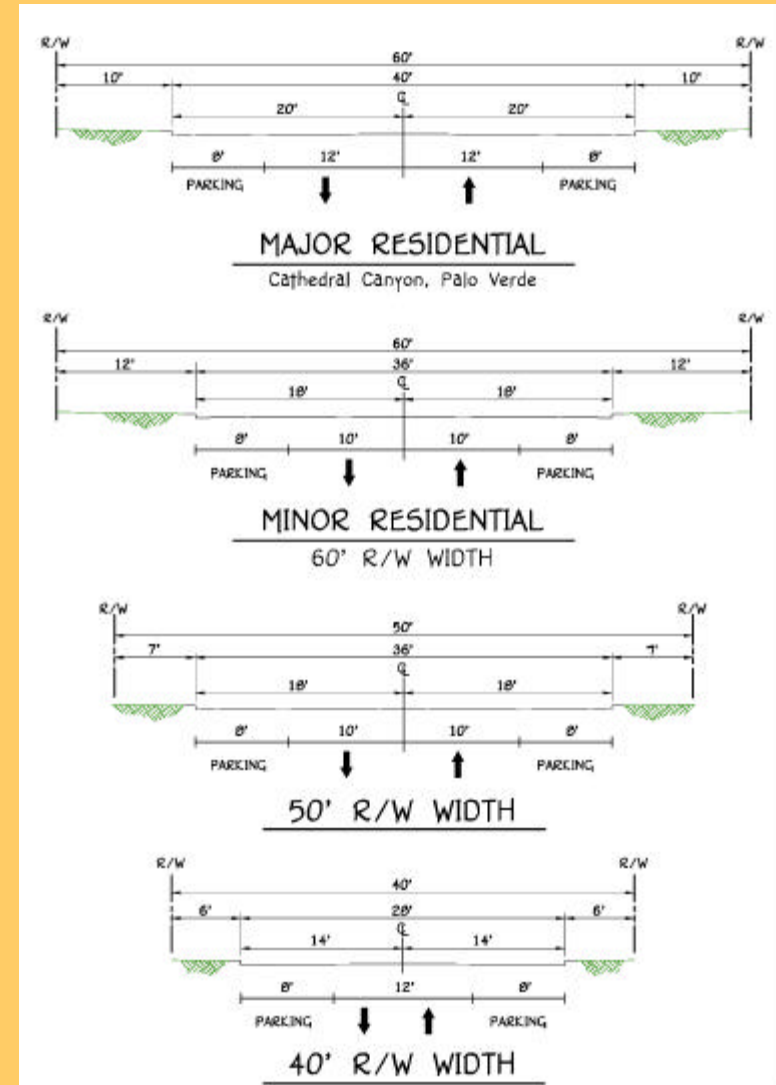


Photo Simulations

CATHEDRAL CANYON DRIVE



BEFORE



AFTER



Photo Simulations

SHARPLESS ROAD



BEFORE



AFTER



P S O M A S

Photo Simulations

PORTER DRIVE



BEFORE



AFTER

Photo Simulations

CHARLESWORTH



BEFORE



AFTER



Why Streets Also?

- ◆ ***Prevent complete street failure from islands of asphalt***
- ◆ ***Maintain integrity of street***
- ◆ ***Improve neighborhood***
- ◆ ***Improve ride***
- ◆ ***Improve drainage***



***Simulation after
trenching***

PROVIDE BETTER QUALITY OF LIFE!!

P S O M A S



What's Next?

- ◆ ***Prepare preliminary construction cost estimate***
- ◆ ***March 14th - Present Preliminary Assessment District Costs***
- ◆ ***March 24th – Ballots mailed out***
- ◆ ***May 25th City Council Meeting--Public Hearing & Ballots Tabulated***
- ◆ ***March 30th – Open House, Get One on One time with the Project Team and Steering Committee***
- ◆ ***End of May – public hearing, ballots tabulated***



Grant Review

- ◆ ***\$5.3 million awarded for Cove Sewers from State Proposition 13 (2000 State Water Bond)***
- ◆ ***Proposition 13 Grants Deadlines:***
 - March 2006--Sewer for 425 property owners must be complete or risk losing \$2.8 million
 - March 2007--Sewer for 400 property owners must be complete or risk losing remaining \$2.5 Million



Grant

- ◆ ***Cove Improvement District is needed to provide \$1.2 million of matching funds for the \$5.3 Million Grant***
- ◆ ***City will apply this year with Desert Water Agency for Proposition 50 Grant (2002 State Water Bond)***
- ◆ ***Cove Steering Committee and City are working with elected representatives to find additional funds***



THANK YOU!!!

QUESTIONS?

